IN THE CLAIMS

Claims 1. – 11. (cancelled)

12. (original) A method for detection of a variant MCFD2 polypeptide in a subject, comprising:

a) providing a biological sample from a subject, wherein said biological sample comprises a MCFD2 polypeptide; and

b) detecting the presence or absence of a variant MCFD2 polypeptide in said biological sample.

13. (original) The method of claim 12, wherein said variant MCFD2 polypeptide is a C-terminal truncation of SEQ ID NO:2.

14. (original) The method of claim 12, wherein the presence of said variant MCFD2 polypeptide is indicative of combined deficiency of factor V and factor VIII in said subject.

15. (original) The method of claim 12, wherein said biological sample is selected from the group consisting of a blood sample, a tissue sample, a urine sample, and an amniotic fluid sample.

16. (original) The method of claim 12, wherein said subject is selected from the group consisting of an embryo, a fetus, a newborn animal, and a young animal.

17. (original) The method of claim 12, wherein said detecting comprises differential antibody binding.

18. (original) The method of claim 12, wherein said detecting comprises a gel-free truncation test.

19. (original) The method of claim 12, wherein said detection comprises a Western blot.

20. (currently amended) The method of claim 12, wherein said detecting comprises detecting a variant MCFD2 nucleic acid sequence associated with said variant MCFD2 polypeptide.